

20030705.qrp v02_n972.qrl.20030705

Date: Sat, 5 Jul 2003 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2972

QRP-L Digest 2972

Topics covered in this issue include:

- 1) [153605] Re: 5 Meg signals
by "Mike Yetsko" <myetsko@insydesw.com>
- 2) [153606] This weekend: 14th OQRPContest
by dl6aaf@t-online.de (Uwe Meier)
- 3) [153607] Re: serious thought, really
by Brad Thompson <brad.thompson@valley.net>
- 4) [153608] QRP magazines
by Rick McKee <kc8aon@juno.com>
- 5) [153609] hey, i'm serious
by hamjoel@juno.com
- 6) [153610] Re: 5 Meg signals
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 7) [153611] Apology to Army MARS
by Karl Larsen <k5di@msn.com>
- 8) [153612] Re: 5 Meg signals
by bob evinger <wd9eka@evinger.com>
- 9) [153613] Wanted to Buy: Four Band K-1 with Internal Tuner and Battery
by N0BN@aol.com
- 10) [153614] 60 meters...that was fun...back into the cabinet now, Mr.
microphone...
by "Bill, N4QA" <n4qa@hotmail.com>
- 11) [153615] Homebrew balanced feedline
by ARDUJENSKI@aol.com
- 12) [153616] [EVENT] Lobstercon 2003!
by "Rex Harper" <w1rex@megalink.net>
- 13) [153617] Re: 5 Meg signals
by Alex <kr1st@amsat.org>
- 14) [153618] Re: 5 Meg signals
by Alex <kr1st@amsat.org>
- 15) [153619] Re: 5 Meg signals
by Dale Botkin <dale@botkin.org>
- 16) [153620] Norcal Keyer
by Richard Lim <richlim11@yahoo.com>
- 17) [153621] Tokyo Hi-power HC-100 Tuner
by "john gabbard" <johngabbard@usintouch.com>
- 18) [153622] Re: Homebrew balanced feedline
by Rob Matherly <w0jrm@arrl.net>

- 19) [153623] SWAP
by "john gabbard" <johngabbard@usintouch.com>
- 20) [153624] Re: Apology to Army MARS
by William R Colbert <w5xe@juno.com>
- 21) [153625] Re: Homebrew balanced feedline
by ARDUJENSKI@aol.com
- 22) [153626] Spacer Tip
by ARDUJENSKI@aol.com
- 23) [153627] Great new program!
by Ed Tanton <n4xy@earthlink.net>
- 24) [153628] OT: WIN98 Plus WAV file
by Ed Tanton <n4xy@earthlink.net>

Date: Fri, 4 Jul 2003 19:01:33 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <hottell@gulftel.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153605] Re: 5 Meg signals
Message-ID: <008001c34280\$37d726c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> John,
>
> Well said. It is true that there are idiots in amateur radio, but in my
> experience those who operate MARS are not among them.
>
> 73 de Dave
> ab9ca/4
>

I think it's always important to know what we have as 'primary' and what we have as 'secondary'. Just because we have a frequency doesn't mean that we have 'squatters rights' on it.

Playing 'hardball' on a shared service is probably a real fast and easy way to attract attention of the FCC. And that attention would probably not be towards the 'individuals' who were acting as idiots, but towards the Amateur service in general.

No big deal you say? Just remember, in the near future, VERY near future, we may be called to task to justify all our 'reserved' space for CW...

Mike

>
> At 08:11 AM 7/4/03 -0400, John L. Sielke wrote:
> >I'm sorry, I have really tried to keep the flames off, but as a long
time
> MARS member, first in USAF MARS,
> >where I set up the first MARS station in Iceland, and later, after I
left
> Active duty, in Army Mars, I can
> >only take the greatest affront at this idiot's comments. Obviously he
was
> never in the service, a long way
> >from home, and had one of those "total idiots" run a phone patch to his
> loved ones, or even just handle a
> >"I'm doing OK" message.
> >
> >Of course, whoever commented that the 5MHz frequencies are shared is
> correct, but that is not the issue.
> >The issue is once again Karl makes an idiotic statement, which
apparently
> is OK on QRP-L, but if anyone
> >DARES to suggest that this guy IS an idiot, they are considered
> insensitive, and a "trouble-maker." as I
> >was branded by Mr. Eshleman. Well if speaking out against this kind of
> garbage is trouble making, so be it.
> >If this was an isolated incident, you could say I was overreacting, but
> Karl comes up with this kind of
> >crap 2 or 3 times a week!
> >
> >
> >
> >>I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB,
period.
> >>If those total idiots who are in Army Mars are on a Ham frequency
> >>running Pactor I hope the FCC throws them in prison for a long time.
> >
> >
> >John W2AGN
> >
> >
> >
> >
> >
>

Date: Sat, 5 Jul 2003 01:10:45 +0200 (MET DST)
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-l@lehigh.edu
Subject: [153606] This weekend: 14th OQRPContest
Message-ID: <200307042310.BAA00325@joringel.t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP-CONTEST-COMMUNITY (qrpsc)
c/o Hartmut Weber, DJ7ST
++495341-50113

Dear QRP-friends,

this weekend (05/06-July-2003) the qrpsc invites you to the 14th OQRPContest.

You will receive full details here in Packet Radio by typing:

C < 14th ORIGINAL-QRP-CONTEST (enter)

hpe cuagn in the contest es best 73/2

"Hal", Hartmut, DJ7ST

Date: Fri, 04 Jul 2003 21:20:18 -0400
From: Brad Thompson <brad.thompson@valley.net>
To: hamjoel@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153607] Re: serious thought, really
Message-ID: <5.0.2.1.2.20030704211247.02ebaec0@pop.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

...for the same reason it's hard to fill a teacup by throwing a bucketful of water into the teacup.

Seriously, though, the static discharge has appreciable power but only for a short duration. Also, there's an impedance mismatch between the high-impedance static source and the low-impedance battery you're trying to charge. Using a Leyden Jar (a high-voltage capacitor) you could store some energy from

a static discharge, but what do you do with several thousand volts at low current, supplied in randomly-timed impulses?

It's sort of the reverse to the low-speed wind turbine-to-alternator problem-- sure, you can build a low-speed turbine but an automobile alternator runs at hundreds or thousands of RPM, but not well at 1 or 10 RPM.

Ol' Mutha Nature doesn't make things easy for us-- especially harvesting low-cost, clean energy and also for getting antenna wires into trees!

73--

Brad AA1IP

At 10:39 PM 7/4/03 +0000, hamjoel@juno.com wrote:

>High y all

> yea its me again Martha... ah was just a thinking...now don t got
> dust gusted, it be written in a humerous way... hopefully... however it
> could be pratical and efficient to do... course then, I ve had a bit of
> my cajun mama s brew...

> Let s get down to it, shall we...

>I read lots and lots about folk bringing solar panels along to recharge
>batteries... and ah was wondering.... why not brought u self a long piece
>of wire... stretch it out so it be broadside to the prevailing wind and
>put the end through suitable diode, r
>esistor, fuse circuits to change up a bank of capacitors... then slowly
>discharge them capicators into ur radio battery, using appropriate voltage
>and current controlling circuits....

> For a long wire to arc across a sparkplug u kneaux u got some
> voltage and the spark tell u thair bees some current... voltage x current
> = power.... battery power if harnessed properly....

> Any folk out thair try this or some variation of it????

>

>

>KE1LA JOEL

>IN MAINE

>FREEZIN

>

>

>-----
>The best thing to hit the internet in years - Juno SpeedBand!

>Surf the web up to FIVE TIMES FASTER!

>Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 4 Jul 2003 21:36:39 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [153608] QRP magazines
Message-ID: <20030704.213640.9166.0.kc8aon@juno.com>

Was wondering what everyones favorite QRP magazine is ? I'm needing more projects for the upcoming winter season, and something with lots of homebrew articles would be very helpful, so please fill me in on whats available.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
QRP-L #2112, FPqrp #33, AR QRP #269
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 5 Jul 2003 01:55:09 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [153609] hey, i'm serious
Message-ID: <20030704.185534.506.276684@webmail03.lax.unttd.com>
Content-Type: text/plain

really

we new a guy once who put an ohm meter to the secondary of a power xformer while he touched the primary... shock...aru... jump back time...

seems we could step the high voltage down and slowly charge a battery or something... a good long wire will keep a spark pug or pl259 connector arching at regular intervals...

is it really impratical? shucks...

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 4 Jul 2003 22:34:39 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Alex <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153610] Re: 5 Meg signals
Message-ID: <20030704223250.N55767-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, Alex wrote:

>
> I do wonder though why there's pactor on one of the channels.

Because a primary user wants/needs it.

> If the
> channel is actively used for pactor, then I just don't understand why it
> was allocated for the Amateur Radio Service. Perhaps a non-active one
> could have been assigned instead.

Amateur Radio is a secondary use...what we want is of little importance in
the grand scheme of Federal Spectrum assignments/use.

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Fri, 4 Jul 2003 20:35:56 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: Bob & Janet <jbcraft@adelphia.net>
Cc: k5di@msn.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153611] Apology to Army MARS
Message-ID: <Pine.LNX.4.44.0307042009570.2126-100000@bucket.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I owe the Army MARS an apology because I let my experience with the local Army MARS color my comments about Army MARS in general. I have no idea what Army MARS might be on 5366.5 MHZ since their usual frequencies are close to a Ham Band. But they might have a frequency of 5366.5 probably expressed by the center frequency and might be a primary user.

If Army Mars is using Pactor on this frequency then I understand the situation since I use Pactor to get my e-mail when camped out. Pactor does not work well with any QRM at all. Just a weak CW station can knock Pactor off the air due to too many repeats.

With this realization that Army MARS is perhaps primary on 5366.5 and is trying to use Pactor, we secondary Hams should QRT ANY time we hear Pactor on that channel.

I think ARRL should find out who the primary users are and let us know what they sound like. We need to be informed so we do not interfere with their work.

On Thu, 3 Jul 2003, Bob & Janet wrote:

>
> I think 5366.5 is a Ham frequency and we MUST use ONLY USB SSB, period.
> If those total idiots who are in Army Mars are on a Ham frequency
> running Pactor I hope the FCC throws them in prison for a long time.
>
> Hey Karl,
> did I miss something... I thought that we were SECONDARY on 60m... wouldn't
> MARS be primary?

I have no knowledge who is primary on that frequency Bob. We are not told who is primary, or, at least I have never found out. But yes we are told that we are secondary to someone on 60 Meters. Just as we are secondary on the 420-450 MHz band.

>
>
> Bob K8YS
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 4 Jul 2003 22:45:35 -0500 (CDT)
From: bob evinger <wd9eka@evinger.com>
To: Thom LaCosta <baltimoremd@baltimoremd.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153612] Re: 5 Meg signals
Message-ID: <Pine.LNX.4.44.0307042243300.25235-100000@aprs2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If it is indeed a mars pactor net. then there will be most likely periods of inactivity during a 24 hour period where it might be useable by the secondary user. There are some frequencies that have "bbs" type stations on them where the activity would be somewhat random but even then there are periods of time where the channel would be available.

bob
Army mars operator

On Fri, 4 Jul 2003, Thom LaCosta wrote:

> On Thu, 3 Jul 2003, Alex wrote:
>
> >
> > I do wonder though why there's pactor on one of the channels.
>
> Because a primary user wants/needs it.
>
> > If the
> > channel is actively used for pactor, then I just don't understand why it
> > was allocated for the Amateur Radio Service. Perhaps a non-active one
> > could have been assigned instead.
>
> Amateur Radio is a secondary use...what we want is of little importance in
> the grand scheme of Federal Spectrum assignments/use.
>
> Thom
>
> baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
> http://www.baltimoremd.com/ Baltimore's Home Page
> http://www.baltimorehon.com/ Home of the Baltimore Lexicon
> http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
> http://www.tlchost.net Web Hosting as low as \$3.49/month
>

--

Bob Evinger WD9EKA/AAR5MG(Army MARS operator)
If Guns Cause Crime, Then Matches Cause Arson.

Date: Sat, 5 Jul 2003 01:35:56 EDT
From: NOBN@aol.com
To: qrp-1@lehigh.edu
Subject: [153613] Wanted to Buy: Four Band K-1 with Internal Tuner and Battery
Message-ID: <7f.39ad64c1.2c37bdbc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi folks,

I need an alternative to carrying around more than one monoband rig when I'm=
=20
backpacking!

Does anyone want to sell their four band K-1 with internal tuner and battery=
=20
pack?

Thanks!

Daniel N=D8BN

Date: Sat, 05 Jul 2003 08:02:21 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [153614] 60 meters...that was fun...back into the cabinet now, Mr.
microphone...
Message-ID: <BAY1-F39o8yfogkJXrR00001685@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Yesterday, made seven contacts, with five states, on 60 meters.
It was fun...running QRO for a few minutes.
Plus, checked out all that rarely-used transmit audio circuitry in the
TS-440S. Oh, and the USB button :)
Met some really nice fellows on 60...hope to see 'em on 20 someday.
It's good to know that I can get on 60 meters with a decent signal...may

come in handy...
It's just that I get mic-fright, you see...

Ok, so, carried the WM-2 out to the feedpoint again this morning and re-tuned for good ol' 20.
14088 is hopping with RTTY signals coming through the Rock-Mite.
Nice to be 'home' again...
Have worked 17 states, RM-RTTY, since that fateful day...06 May 2003.

Been thinking about running DSW-RTTY in our rusty old farm p/u...not the one I drive to work...the other one. The farm p/u has a 'cigarette-lighter' socket and everything.
So many projects...

73.
Bill, N4QA
<http://www.n4qa.com>

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 5 Jul 2003 09:59:00 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [153615] Homebrew balanced feedline
Message-ID: <1d8.d507a5d.2c3833a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="UTF-8"
Content-Transfer-Encoding: quoted-printable
Content-Language: en

I have a few methods I found acceptable for fabricating balanced feedline=20
for field use:

BUTTONS

Using large buttons with 4 holes and run wire thru the left and right=20
vertical pair or holes and space appropriately

PVC RINGS (1)

Cut from appropriate diameter PVC about 20 or so rings about 3/4 to 1 inch=20
high and drill a pair of vertical holes about 3/8 inch apart on the left and=20
right side of the ring. Feed wire into one hole and out the one above/below=20=
it=20

(this holds spacer in place). I like this for vertical poles because it holds the feedline in place on the fish pole. When done, I just slide it down over the pole for quick storage.

PVC RINGS (2)

Drill a pair of single larger holes diametrically opposite each other. The idea is to take and feed a "bite" of the wire (folded over section) thru the hole and secured on the inside of the ring with a metal bread tie wrap or piece of pipe cleaner passing thru the "bite" of wire.

TIE WRAP METHOD

Cut about 20 or so 4 inch pieces of CPVC water tubing from the hardware store (1/4in ID and 3/8in OD). Place tubing between the two wires (I like speaker wire). Pass the plastic tie wrap thru the tubing and around wire and feed back thru and wrap around other wire. Cinch tight. Space as needed--about 16 to 18 inches or as necessary for your situation.

Hope this gives you some helpful ideas

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

PS I like the tape method shown in an earlier post on QRP-L

Date: Sat, 5 Jul 2003 09:41:58 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Stephen Houser" <houser@usm.maine.edu>, <w1rfi@arrl.org>, "Scott Richardson" <scott@aves-spectra.com>,
Subject: [153616] [EVENT] Lobstercon 2003!
Message-ID: <002701c342fb\$39598b20\$6b3ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK QRP Dudes and Dudettes,

One last chance to get in on the LOBSTERCON 2003 action!
Its less than 1 week away!

LOBSTERCON: Where QRPers meet just to have a good time with old and new friends!

LOBSTERCON: Where there is no big field of unQRP junk to pour over in order to find that little scap that enables you to justify the price of admission!

LOBSTERCON: Where QRP is the only language spoken!

LOBSTERCON: Where the camping is great and the camaraderie, operating, eating, and socializing is even better!

OK! Now you know the name, Here are the facts!

LOBSTERCON 2003! takes place July 11,12, & 13 at Thomas Point Beach & Campground on Thomas Bay in Brunswick, Maine. The campground has all the ammenities: beach, snack bar, arcade, playground, showers, RV hookups, etc.

however,

the LOBSTERCON 2003! contingent are taking to the trees in a remoter part of the campground. The trees are tall so the dipoles are elevated! All the ammenities are still just a SHORT walk away.

See www.thomaspoinbeach.com

for more details on the campground.

For those of you who now prefer to "rough-it" by sleeping IN 1 or 2 stars instead of sleeping UNDER them, See:

<http://brunswickme.areaguides.net/hotels.html>

for motel, hotel, and B&Bs

LOBSTERCON 2003! cost: \$35 per person which INCLUDES:

- camping fees for 2 nights

- Saturday morning & afternoon informal talks

- all American Saturday lunch hot off the grill....

 - dogs, burgers, chips, drinks

 - (bring your own specialty drinks and pot-luck side dishes)

- Saturday evening Lobster Feast! 2 of the freshest lobsters you will probably ever eat (unless you are a member of the working waterfront!), corn on the cob, and fixins!

 - (again, bring your own specialty drinks & pot-luck dishes)

- Free RockMite30 for the first 50 attendees

 - courtesy of AmQRP Club and Dave Benson of SWL

- Doorprizes!

Scheduled Activities:

We will be operating special event station K1T!

We will be doing a group-build of a Rockmite30 and using it as the
'official' event station and I'm sure that there will be plenty
of

Rockmite 20's on the air.....
So keep an ear out for us at the ol' QRP watering hole!

Friday night "NO-Host" dinner at a fine local establishment
for the early-bird arrivals

Saturday morning and afternoon informal talks:

Dr. Megacycle on "SWR and all that jazz!"

AA1MY, Seab Lyon, "To the Stratosphere..and beyond!"

you gotta be there to do that

The Tinman, W1REX, "Prototype that Sucker!"

VE2EQL, John Grow, "Slay your SLA fears!"

WA8BXN, Mike Pechura, "Incredible non-edibles!"

KE1LA, Eweux Knoax Hooax, "Dem wirahx beemeux!"

....stay tuned for more as soon as I 'm still twisting arms!....

Here is the latest list of attendees

(in no particular order & I hope I didn't forget anybody.....)

K1LQ	Diane Troyer
K1LGQ	Dennis Marandos
AA1MY	Seabury Lyon.....aka The Kiteman of Bethel
V2EQL	John Grow
KC1FB	Jim Francoeur
NS1E	Jim McElroy
KD1JV	Steve Weber.....aka Mr. Melt Solder
W1SWL	Dave Benson.....kit designer extraodinare
KE1LA	Joel Dennison.....aka the Displaced Cajun in Maine
W1SH	Steve Houser
W1FMR	Jim Fitton
W1QB	Dave Richards
KK6MC/5	Jim Duffy.....aka Dr. Megacycle
WA8BXN	Mike Pechura

AI2Q	Alex Mendelsohn
K0ZK	Arnold Orlean
KA10LE	Jeff Wood
WY1W	Butch Bacon
VE3XJ	Jim Cummings
VE3FLQ	Francine
N1BQ	Brian Riley
NT1R	Bill Legge
W1HZE	Charles Brown
AB1AV	Bill Noyce
KX1E	Bob Coakley
N1CUU	Carl Heidenblad
K1CCGE	Paul Cerest
W1JMA	John Ahle
W1REX	Rex Harper.....aka The Tinman

There is plenty of room at the campground so if you want to join us,
you had better 'put your oar in'!

Saturday morning and afternoon running fleamarket

Don't forget to bring:

PRICELESS ANTIQUE ELECTRONIC EQUIPMENT

(100% good-stuff for the discerning QRPers that we all are!)
to sell and swap amongst your new and old friends

Saturday Lunch at the campsite grills.....dogs, burgers, chips, fixins,
cold drinks, bring you own special needs & pot-luck side dishes

Saturday Evening at the campsite lobster cookers....2 fresh cooked
native lobsters, corn on the cob, melted butter, chips, fixins,
again, bring your own special needs (beer etc) and pot-luck
sides

Contests:

1. "QRP Beacon" The coast of Maine is well known for their lighthouses or "beacons". Compact lighthouses were called "bug lights". Bring your homebrew beacon for judging. Winner gets a prize.
2. "Rockmite Extravaganza" Lobstercon 2002 was the birthplace of the first Rockmites. Bring your Rockmite in for judging. Top 3 take home a prize.
3. "W1RFI Challenge" After seeing the truckload of test equipment that W1RFI was unloading at Hosstraders, I came up with the idea of transforming those plug-ins into usefull QRP test gear. Buy a plug-in for a nominal fee (all \$ go to prizes), take an

inventory

of parts, do a paper design using the recycled parts
(and junk box parts if necessary) for a usefull QRP gadget.

4. "Homebrew Show-Off" Proud of your latest work? Bring it in and show it off to the group. Judges will pick the best of the best!
5. "QRP Instruments" Are you like me, where all the musical genes either skipped a generation or went to your siblings? Don't let that deter you from this contest. Build a QRP musical instrument and play it at the evening jam. Loudest dbs (from the hands) takes home "all the marbles".

Stay tuned!....Same time!....Same Channel!...For more information...

also see: <http://www.wulfden.org/NVQS/index.shtml> for info

and for directions to the campground

see:<<http://www.thomaspointbeach.com/bluegrass.html#Directions>>

Got a kit, book or donation for a doorprize:

contact: John Grow VE2EQL at jgrow@sympatico.ca
Sympatico
100A Walnut Street
Champlain, Ny 12919
(450) 672-1545

Reservations & more info:

W1REX Rex Harper "The Tinman"
w1rex@megalink.net or rharp@brimsness.com or (207) 838-5548

or

Rex Harper W1REX
9 Intervale Road
Windham, Maine 04062

Date: Fri, 04 Jul 2003 00:38:42 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [153617] Re: 5 Meg signals
Message-ID: <3F0504D2.973573D0@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bob,

I'm on 60 fairly frequently and it seems that it is rarely off the air. Actually I think it's due to propagation that I sometimes don't hear them as it is only for brief moments I don't hear it.

I understand that we're just secondary and that we need to go QRT as Karl said when a primary user is present. I have no problem with that whatsoever.

However, I do question the wisdom of the NTIA assigning us a secondary status with a voice only restriction to a frequency which is being used seemingly 24 hours a day by a primary user in a digital mode. Apparently there has gone some thought into making our services compatible with primary users, which is why we are allowed only USB. This makes sense. BUT how is a ham going to determine that the digital signal which he can't decode is that of a primary user. Sure, you can assume it is, but if you're going to make an attempt to make services compatible, you're not going to rely on assumptions, and you're not going to mix voice only and digital users of a channel. Since the interference potential is large, it would have made much more sense to simply not give us that assignment. It's not so much about what we (as in hams) want, but to protect primary users.

Another question...have we positively determined that this is a MARS digital signal? I think I have missed some postings on this.

73,
--Alex KR1ST

bob evinger wrote:

>
> If it is indeed a mars pactor net. then there will be most likely periods
> of inactivity during a 24 hour period where it might be useable by the
> secondary user. There are some frequencies that have "bbs" type stations

> on them where the activity would be somewhat random but even then there
> are periods of time where the channel would be available.
>
> bob
> Army mars operator

Date: Sat, 05 Jul 2003 22:25:33 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [153618] Re: 5 Meg signals
Message-ID: <3F07889D.EE96953E@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Repost to correct time on the message.

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> bob
> Army mars operator

Date: Sat, 5 Jul 2003 10:06:20 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Alex <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153619] Re: 5 Meg signals
Message-ID: <Pine.LNX.4.33.0307050959580.28003-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 2003, Alex wrote:

> I was a meeting once where someone was trying to recruit folks for the
> MARS program. The big selling point, according to the fellow who held
> the talk, was that to get on HF you didn't need to pass a code test nor
> a complicated written test and that you get "exclusive" access to
> certain frequencies.

Can't imagine why anyone would have made the first claim, as one of the
requirements for MARS membership is a General class Amateur license.
True it's not a terribly complicated written test, but there is a CW
requirement for that - just not for MARS per se.

What I find really odd is that you actually were at a meeting with someone
trying to recruit MARS ops. Took me over a year of E- and snail-mail just
to get a response and a packet to get signed up, and I was TRYING.

72,
Dale - N0XAS
(and now MARS too, finally)

PS - someone else was wondering about why MARS ops would be so far from
the Amateur bands. There are MARS frequencies scattered all over.

--

It's a thankless job, but I've got a lot of Karma to burn off.
Get a PicoKeyer: <http://www.hamgadgets.com>

Date: Sat, 05 Jul 2003 11:31:13 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [153620] Norcal Keyer
Message-ID: <BB2C6781.3E4C%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Does anyone know what the resting current draw is on the Norcal Keyer kit? I built mine two weeks ago and have used it only sparingly and the 9v battery is now dead. I left the battery connected without a switch during the entire time, but I may need to add a power on/off toggle. Thanks.

Rich
KQ9L

Date: Sat, 5 Jul 2003 09:34:01 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153621] Tokyo Hi-power HC-100 Tuner
Message-ID: <000501c34313\$3e5a97f0\$9e811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need the English version of the manual for this Tuner. Can anyone help? I need to adjust the output and swr meter. I have the book but its in Japanese print. Thanks 73 John KF7OM

Date: Sat, 5 Jul 2003 11:45:09 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-l@lehigh.edu
Subject: [153622] Re: Homebrew balanced feedline

Message-ID: <200307051145.09228.w0jrm@arrl.net>
Content-Type: text/plain;
charset="utf-8"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Saturday 05 July 2003 08:59 am, ARDUJENSKI@aol.com wrote:

> I have a few methods I found acceptable for fabricating balanced feedl=
ine
> for field use:

You could also use the plastic bits from plastic staples. You know, the =
deals=20
you nail down romex with. I think if you use the 3/4" ones, 22ga wire wi=
ll=20
give you somewhere in the neighborhood of 300 ohms. (Not positive on tha=
t,=20
don't take my word for it :^))

72/73/oo
Rob, w0jrm

Date: Sat, 5 Jul 2003 10:19:23 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153623] SWAP
Message-ID: <000b01c34319\$94f7b150\$9e811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a KD1JV audio filter in (kit) form that is excess to my needs. I will
swap it for a NOR CAL Keyer Kit. Thanks, John KF7OM

Date: Sat, 5 Jul 2003 12:48:44 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [153624] Re: Apology to Army MARS
Message-ID: <20030705.124846.-350081.5.w5xe@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Having been a government radio operator, cw, hf ssb, satellite and microwave, NTIA is the assignment force there as is the frequency management office at the local military bases in coordination with the NTIA. FCC policy is only to ensure compliance where the amateur service is concerned. If the ARRL or FCC were to post what services were there, there could very well be a conflict of material classification laws. This is much more so these days since almost all MARS stations are a part of the SHARES communications program, and do operate frequencies far removed from the ham bands. Army MARS has had frequencies in the 5.0 to 5.9 Mhz range for at least 45 years, same with the other MARS programs. It should also be remembered that the MARS or SHARES stations operate many other modes besides pactor- including usb - but no cw.

I see no reason to slam the NM ARMY MARS personnel either. I was trustee for the Ft Bliss Army MARS station while a member of AF MARS, and worked as an interagency relay station. They do their job well. Having been a member of the MARS programs for over 35 years before I left the Air Force program, they did as well as any, better than a lot.

Ray

"Texas can make it without the United States,
but the United States can't make it without Texas."

Sam Houston, Governor

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M GQRP-6115
ARCI-5784 NCT2R FP-111 El Paso, (FAR WEST) TEXAS

Date: Sat, 5 Jul 2003 14:50:53 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [153625] Re: Homebrew balanced feedline
Message-ID: <31.3b0c4011.2c38780d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Oh, I forgot one---

PVC RING: With 1-1/4 in PVC rings you use bicycle inner tube rubber bands to hold the wires in place. Take a narrow bicycle inner tube and cut into a couple of dozen 3/4 inch bands (rubber bands). Slip these up over the PVC rings and they will hold the feedline in place. NO DRILLING

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- DIT DIT

Date: Sat, 5 Jul 2003 14:58:18 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [153626] Spacer Tip
Message-ID: <32.3b1b9f99.2c3879ca@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For real light weight spacers for balance feedline you can use the 3/16 or 1/8 plastic tubing. Problem is it comes in a coil and when you cut it you have curved sections. NO PROBLEM. Take these curves sections and toss them into a pot of boiling water and they will straighten out in seconds. I have used these spacers with #22 speaker wire and taking the tiny tie wraps to secure the wires as noted in previous post. These I cut to only about 2 inches long. They are sturdy but there is enough play that you can slide these around with a little force.

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- DIT DIT

Date: Sat, 05 Jul 2003 15:27:50 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: noga reflector <nogaqrp@mailman.qth.net>,
qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [153627] Great new program!
Message-ID: <5.2.1.1.2.20030705151827.02ddab80@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great new program! Alex, VE3NEA <<http://www.dxatlas.com/Default.asp>> has another winner: IONPROBE. This program monitors Space Weather via the Internet (you have to have IE5 or better installed-but it doesn't have to be your primary browser-as in my case it's OPERA-but the program uses my otherwise rarely used IE6 w/o difficulty.) It will provide you with up-to-date Solar Activity information, as well as summaries of weekly and yearly graphical data. Wonderful program!!! A fully functional 30-day-trial version can be downloaded from the URL listed above. The cost is a VERY reasonable \$20.

And let me praise Alex's customer service while I'm at it. Recently I had a problem-my fault, not the program's-with the other WINNER Alex has: DXAtlas. I had a solution in 24 hours. Take a look at DXAtlas also. It is superb.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 05 Jul 2003 15:49:18 -0400
From: Ed Tanton <n4xy@earthlink.net>

To: qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [153628] OT: WIN98 Plus WAV file
Message-ID: <5.2.1.1.2.20030705154307.02e53a18@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I cannot find my WIN 98 Plus disk. On it, there are a number of additional "schemes" which affect what sound is issued for what action. I really like to have a certain (thunder for delete, for example) scheme for several actions. The scheme sounds are not relevant to actual OS. If anyone has a copy of this disk-or simply the part with the WAV schemes, I would REALLY appreciate a copy of the sound files.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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End of QRP-L Digest 2972

